

1 **ABSTRACT OF THE DISCLOSURE**

2 An induction heating apparatus seals a container, such as a bottle, with a
3 non-tampering seal. The induction heating apparatus has a concentrator and a
4 coil assembly. The coil assembly includes multiple coil devices. Each coil device
5 includes a bobbin with a central tube and an insulated electrical conductor. The
6 insulated electrical conductor is wound around the central tube of the bobbin and
7 is electrically connected to an alternating current power source. The bobbin is
8 mounted in the concentrator. When alternating current is applied to the insulated
9 electrical conductor, an electromagnetic field is created that will induce in an
10 aluminum foil in the non-tampering seal. The aluminum foil will be heated and
11 the heat in the aluminum foil will be transferred to a layer of heat active polymer
12 in the non-tampering seal, which will quickly bond the non-tampering seal to the
13 bottle.